

Monsanto

RECEIVED

JUL 13 1988

PESTICIDES & TOXIC
SUBSTANCES BRANCH
EPA REGION 10

DETERGENT/MATERIAL DIVISION

Monsanto Chemical Company
P.O. Box 816
Soda Springs, Idaho 83276
Phone: (208) 547-3391

June 11, 1988

Mr. John Davis
Mail Stop AT/083
USEPA Region X
1200 Sixth Avenue
Seattle, Washington 98101

Dear Mr. Davis:

Per your request, I have enclosed a set of thirteen EPA Form R's which comprise the 1987 SARA Title III, Section 313 report package for Monsanto Company's Soda Springs, Idaho plant. Also attached is correspondence regarding EPA approval of Monsanto's computer-generated Form R format.

If you have any questions, you may contact me at the Soda Springs plant, extension 334.

Sincerely,

Donald R. Wind

D. R. Wind
Senior Environmental Engineer

DRW/jw
Enclosures

AR

1.2 0002

6271

1.2 0002

Monsanto

Monsanto Chemical Company
800 N Lindbergh Boulevard
St Louis, Missouri 63167
Phone (314) 694-1000

June 20, 1988

Mr. Doug Sellers
Chief of Public Information Section
U.S. EPA/OTS
TS793
401 M Street S.W.
Washington, D.C. 20460

Dear Doug:

This is to confirm our conversation of June 13 in which you conveyed EPA's approval for Monsanto's use of the attached computer generated Form R format. The form is for reporting toxic chemical release information as required by Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986. This letter will be attached to the Form R's submitted to the EPA and state to help the data entry personnel recognize the format has been approved by EPA.

Thanks again for your assistance in obtaining the approval of Steven Newburg-Rinn, Chief of Public Data Branch.

Sincerely,


J. P. Hyland

Manager, Environmental Protection

/dg

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

- 1.1 Does this report contain trade secret information?
1. ___ Yes ___X_ No
- 1.2 Is this a sanitized copy?
___ Yes ___ No
- 1.3 Reporting Year
1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

Date Signed

C. M. McCullough

6-27-88

3. FACILITY IDENTIFICATION

- Name > MONSANTO COMPANY
Address > HIGHWAY 34 NORTH
- 3.1 City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816
- 3.2 a. ___X_ Entire facility
b. ___ Part of facility
- 3.3 Technical Contact > D. R. WIND > (208) 547-3391
3.4 Public Contact > K. V. LOTT > (208) 547-3391
3.5 SIC Codes > 2819 3313
- 3.6 Latitude Longitude
> 042/41/07 > 111/35/08
- 3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A
3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A
3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A
- 3.10 Name of receiving stream(s) or water body(s)
a. > SODA CREEK
b. > N/A
c. > N/A
- 3.11 Underground Injection Well Code (UIC) Identification No.
> N/A > N/A

4. PARENT COMPANY INFORMATION

- 4.1 Name of parent company > MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.

Off-site locations to which toxic
chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

State: >

County:>

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

State: >

County:>

Zip: >

Under control of reporting facility or parent company? ____ Yes ____ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)

1.2 CAS #: > N/A

1.3 Chem or Category Name: > ANTIMONY COMPOUNDS

1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

A. ☒ ProduceB. ☐ ImportC. ☐ For on-site
use/processD. ☐ For sale/
distributionE. ☒ As a byproductF. ☐ As an impurity

3.2 Process:

A. ☐ As a reactantB. ☐ As a formula-
lation comp.C. ☐ As an article
componentD. ☐ Repackaging only

3.3 Otherwise Used:

A. ☐ As a chemical
processing aidB. ☒ As a mfg aidC. ☐ Ancillary or
other use4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(06) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|--------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 | 500- 999 | | |
| 5.1 Fugitive or non-pt. air emis | | X | | E | |
| 5.2 Stack or point air emissions | | | X | M | |
| 5.3 Discharges to water 5.3.1 (a) | | | 2,600 | M | 6 |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 (D02) | | | 140,000 | M | |
| 5.5 Release to land 5.5.2 (D99) | | X | | O | |
| 5.5 Release to land 5.5.3 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report releases of less than 1000 lbs by checking ranges under A.1

| Total Transfers (lbs/yr) | | | A.2 Enter Estimate | B. Est. Basis | C. Type of Treat/Disp |
|--------------------------|-----|-------------|--------------------------|---------------------|-----------------------------|
| A.1 Range | | | | | |
| 0 | 499 | 500- 999 | | | |

6. 1. Discharge to POTW

N/A

6. 2. Other off-site loc

N/A

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | S | P11 | 3 | | 99.97 | N |
| 7.2 | A | A03 | 3 | | 99.7 | N |
| 7.3 | A | A03 | 4 | | 99.5 | N |
| 7.4 | A | A03 | 4 | | 99.3 | N |
| 7.5 | A | A06 | 4 | | 99.7 | N |
| 7.6 | S | P11 | 5 | | 99.97 | N |
| 7.7 | S | P11 | 5 | | 99.97 | N |
| 7.8 | S | P11 | 5 | | 99.97 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | A | A03 | 3 | | 90 | N |
| 7.11 | A | A06 | 4 | | 99.7 | N |
| 7.12 | A | A03 | 4 | | 98 | N |
| 7.13 | A | A03 | 3 | X | | N |
| 7.14 | A | A03 | | X | 99.99 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

1. 1.1 Does this report contain trade secret information? ☐ Yes ☒ No
1.2 Is this a sanitized copy? ☐ Yes ☐ No
1.3 Reporting Year 1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

Date Signed

C. M. McCullough

6-27-88

3. FACILITY IDENTIFICATION

- Name > MONSANTO COMPANY
Address > HIGHWAY 34 NORTH
3.1 City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816
3.2 a. ☒ Entire facility
b. ☐ Part of facility
3.3 Technical Contact > D. R. WIND > (208) 547-3391
3.4 Public Contact > K. V. LOTT > (208) 547-3391
3.5 SIC Codes > 2819 3313
3.6 Latitude Longitude
> 042/41/07 > 111/35/08
3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A
3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A
3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A
3.10 Name of receiving stream(s) or water body(s)
a. > SODA CREEK
b. > N/A
c. > N/A
3.11 Underground Injection Well Code (UIC) Identification No.
> N/A > N/A

4. PARENT COMPANY INFORMATION

- 4.1 Name of parent company > MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.

Off-site locations to which toxic
Chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ____ Yes ____ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)

1.2 CAS #: > N/A

1.3 Chem or Category Name: > BARIUM COMPOUNDS

1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

A. ☒ ProduceB. ☐ ImportC. ☐ For on-site
use/processD. ☐ For sale/
distributionE. ☒ As a byproductF. ☐ As an impurity

3.2 Process:

A. ☐ As a reactantB. ☐ As a formula-
tion comp.C. ☐ As an article
componentD. ☐ Repackaging only

3.3 Otherwise Used:

A. ☐ As a chemical
processing aidB. ☒ As a mfg aidC. ☐ Ancillary or
other use4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(06) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|-----------------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 500- 999 | | | |
| 5.1 Fugitive or non-pt. air emis | | X | | E | |
| 5.2 Stack or point air emissions | | X | | M | |
| 5.3 Discharges to water 5.3.1 (a) | | | 1,000 | M | 6 |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 (D02) | | | 180,000 | M | |
| 5.5 Release to land 5.5.2 (D99) | | X | | O | |
| 5.5 Release to land 5.5.3 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

| | | | | | | |
|--|--------------------------|-------|---------|----------------|---------------|-----------------------|
| You may report releases of less than 1000 lbs by checking ranges under A.1 | Total Transfers (lbs/yr) | | | | B. Est. Basis | C. Type of Treat/Disp |
| | A.1 Range | | | A.2 | | |
| | 0 | 1-499 | 500-999 | Enter Estimate | | |

6. 1. Discharge to POTW

N/A

6. 2. Other off-site loc

N/A

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | A | A06 | 5 | | 99.7 | N |
| 7.2 | A | A06 | 5 | | 99.6 | N |
| 7.3 | A | A06 | 5 | | 99.7 | N |
| 7.4 | S | P11 | 3 | | 99.97 | N |
| 7.5 | A | A03 | 3 | | 99.5 | N |
| 7.6 | A | A03 | 4 | | 99.3 | N |
| 7.7 | A | A06 | 4 | | 99.7 | N |
| 7.8 | S | P11 | 5 | | 99.97 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | A | A06 | 5 | | 99.7 | N |
| 7.11 | A | A03 | 4 | | 90 | N |
| 7.12 | A | A06 | 4 | | 99.7 | N |
| 7.13 | A | A03 | 4 | | 98 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| ----- | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | ----- | ----- |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

1. 1.1 Does this report contain trade secret information? ☐ Yes ☒ No
1.2 Is this a sanitized copy? ☐ Yes ☐ No
1.3 Reporting Year 1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

Date Signed

C. M. McCullough

6-27-88

3. FACILITY IDENTIFICATION

- Name > MONSANTO COMPANY
Address > HIGHWAY 34 NORTH
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State > ID Zip Code > 83276-0816
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b. ☐ Part of facility
3.3 Technical Contact > D. R. WIND > (208)547-3391
3.4 Public Contact > K. V. LOTT > (208)547-3391
3.5 SIC Codes > 2819 3313
3.6 Latitude Longitude
> 042/41/07 > 111/35/08
3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A
3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A
3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A
3.10 Name of receiving stream(s) or water body(s)
a. > SODA CREEK
b. > N/A
c. > N/A
3.11 Underground Injection Well Code (UIC) Identification No.
> N/A > N/A

4. PARENT COMPANY INFORMATION

- 4.1 Name of parent company > MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.

Off-site locations to which toxic
chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ___ Yes ___ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

- 1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)
 1.2 CAS #: > N/A
 1.3 Chem or Category Name: > CADMIUM COMPOUNDS
 1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

- A. ☒ Produce B. ☐ Import C. ☐ For on-site use/process
 D. ☐ For sale/distribution E. ☒ As a byproduct F. ☐ As an impurity

3.2 Process:

- A. ☐ As a reactant B. ☐ As a formulation comp. C. ☐ As an article component
 D. ☐ Repackaging only

3.3 Otherwise Used:

- A. ☐ As a chemical processing aid B. ☒ As a mfg aid C. ☐ Ancillary or other use

4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(05) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|-----------------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 500- 999 | | | |
| 5.1 Fugitive or non-pt. air emis | X | | | E | |
| 5.2 Stack or point air emissions | | | 100,000 | M | |
| 5.3 Discharges to water 5.3.1 (a) | X | | | M | 6 |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 (D02) | | | 160,000 | M | |
| 5.5 Release to land 5.5.2 (D99) | X | | | O | |
| 5.5 Release to land 5.5.3 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report releases of less than 1000 lbs by checking ranges under A.1

| Total Transfers (lbs/yr) | | B. | C. |
|--------------------------|---------|----------------|------------|
| A.1 Range | | Est. | Type of |
| 1- | 500- | | Treat/Disp |
| 0 | 499 999 | Enter Estimate | |

6. 1. Discharge to POTW

N/A

6. 2. Other off-site loc

N/A

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | A | A06 | 5 | | 99.7 | N |
| 7.2 | A | A06 | 5 | | 99.6 | N |
| 7.3 | A | A06 | 5 | | 99.7 | N |
| 7.4 | S | P11 | 2 | | 99.97 | N |
| 7.5 | A | A03 | 2 | | 99.7 | N |
| 7.6 | A | A03 | 4 | | 99.5 | N |
| 7.7 | A | A03 | 3 | | 99.3 | N |
| 7.8 | A | A06 | 5 | | 99.7 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | S | P11 | 5 | | 99.97 | N |
| 7.11 | S | P11 | 5 | | 99.97 | N |
| 7.12 | S | P11 | 5 | | 99.97 | N |
| 7.13 | A | A06 | 5 | | 99.7 | N |
| 7.14 | A | A03 | 3 | | 90 | N |
| 7.15 | A | A06 | 5 | | 99.7 | N |
| 7.16 | A | A03 | 4 | | 98 | N |
| 7.17 | A | A03 | 2 | X | | N |
| 7.18 | A | A03 | | X | 99.99 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

U.S. Environmental Protection Agency
EPA Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

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1. 1.1 Does this report contain trade secret information? ☐ Yes ☒ No
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EPA FORM R - Part II.

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Chemicals are transferred in wastes

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Facility Address:>

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County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ____ Yes ____ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)

1.2 CAS #: > N/A

1.3 Chem or Category Name: > COPPER COMPOUNDS

1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

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A. ☒ ProduceB. ☐ ImportC. ☐ For on-site
use/processD. ☐ For sale/
distributionE. ☒ As a byproductF. ☐ As an impurity

3.2 Process:

A. ☐ As a reactantB. ☐ As a formula-
tion comp.C. ☐ As an article
componentD. ☐ Repackaging only

3.3 Otherwise Used:

A. ☐ As a chemical
processing aidB. ☒ As a mfg aidC. ☐ Ancillary or
other use4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(06) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|-----------------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 500- 999 | | | |
| 5.1 Fugitive or non-pt. air emis | | | 1,400 | E | |
| 5.2 Stack or point air emissions | | | 2,100 | M | |
| 5.3 Discharges to water 5.3.1 (a) | | | 1,500 | M | 6 |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 (D02) | | | 140,000 | M | |
| 5.5 Release to land 5.5.2 (D99) | | X | | O | |
| 5.5 Release to land 5.5.3 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

| | | | | | | |
|--|--------------------------|------|-----|----------|---------------|-----------------------|
| You may report releases of less than 1000 lbs by checking ranges under A.1 | Total Transfers (lbs/yr) | | | | B. Est. Basis | C. Type of Treat/Disp |
| | A.1 Range | | | A.2 | | |
| | 1- | 500- | | Enter | | |
| | 0 | 499 | 999 | Estimate | | |

6. 1. Discharge to POTW

N/A

6. 2. Other off-site loc

N/A

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | A | A06 | 4 | | 99.7 | N |
| 7.2 | A | A06 | 4 | | 99.6 | N |
| 7.3 | A | A06 | 4 | | 99.7 | N |
| 7.4 | S | P11 | 2 | | 99.97 | N |
| 7.5 | A | A03 | 2 | | 99.7 | N |
| 7.6 | A | A03 | 3 | | 99.5 | N |
| 7.7 | A | A03 | 4 | | 99.3 | N |
| 7.8 | A | A06 | 4 | | 99.7 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | S | P11 | 5 | | 99.97 | N |
| 7.11 | S | P11 | 5 | | 99.97 | N |
| 7.12 | S | P11 | 5 | | 99.97 | N |
| 7.13 | A | A06 | 4 | | 99.7 | N |
| 7.14 | A | A03 | 3 | | 90 | N |
| 7.15 | A | A06 | 4 | | 99.7 | N |
| 7.16 | A | A03 | 3 | | 98 | N |
| 7.17 | A | A03 | 2 | X | | N |
| 7.18 | A | A03 | | X | 99.99 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| ----- | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | ----- | ----- |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

- | | | |
|---|--|-------------------------------|
| 1.1 Does this report contain trade secret information? ___ Yes ___X_ No | 1.2 Is this a sanitized copy? ___ Yes ___ No | 1.3 Reporting Year 1987 |
|---|--|-------------------------------|

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

Date Signed

C. M. McCullough

6-27-88

3. FACILITY IDENTIFICATION

- | | |
|---|-------------------------|
| Name > MONSANTO COMPANY | |
| Address > HIGHWAY 34 NORTH | |
| 3.1 City > SODA SPRINGS | County > CARIBOU |
| State > ID | Zip Code > 83276-0816 |
| 3.2 a. ___X_ Entire facility | b. ___ Part of facility |
| 3.3 Technical Contact > D. R. WIND | > (208) 547-3391 |
| 3.4 Public Contact > K. V. LOTT | > (208) 547-3391 |
| 3.5 SIC Codes > 2819 3313 | |
| 3.6 Latitude > 042/41/07 | Longitude > 111/35/08 |
| 3.7 Dun & Bradstreet number(s) a. > 08-183-0994 | b. > N/A |
| 3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 | b. > N/A |
| 3.9 NPDES Permit Number(s) a. > ID000119-8 | b. > N/A |
| 3.10 Name of receiving stream(s) or water body(s) | |
| a. > SODA CREEK | |
| b. > N/A | |
| c. > N/A | |
| 3.11 Underground Injection Well Code (UIC) Identification No. | |
| > N/A | > N/A |

4. PARENT COMPANY INFORMATION

- | | |
|---|--------------------|
| 4.1 Name of parent company | > MONSANTO COMPANY |
| 4.2 Parent Company's Dun & Bradstreet No. | > 00-626-6803 |

EPA FORM R - Part II.

Off-site locations to which toxic
chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ___ Yes ___ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

- 1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)
 1.2 CAS #: > N/A
 1.3 Chem or Category Name: > CHROMIUM COMPOUNDS
 1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

- A. ☒ Produce B. ☐ Import C. ☐ For on-site use/process
 D. ☐ For sale/distribution E. ☒ As a byproduct F. ☐ As an impurity

3.2 Process:

- A. ☐ As a reactant B. ☐ As a formulation comp. C. ☐ As an article component
 D. ☐ Repackaging only

3.3 Otherwise Used:

- A. ☐ As a chemical processing aid B. ☒ As a mfg aid C. ☐ Ancillary or other use

4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(07) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|--------------------|-----------|--|---------------|-------------------|
| | A.1 Range | A.2 Enter Estimate | | | | |
| | 0 499 999 | 1- 500- 999 | | | | |
| 5.1 Fugitive or non-pt. air emis | | | 5,100 | | E | |
| 5.2 Stack or point air emissions | | | 1,900 | | M | |
| 5.3 Discharges to water 5.3.1 (a) | | X | | | M | 6 |
| 5.3.2 (b) | | | N/A | | | N/A |
| 5.3.3 (c) | | | N/A | | | N/A |
| 5.4 Underground injection | | | N/A | | | |
| 5.5 Release to land 5.5.1 (D02) | | | 1,400,000 | | M | |
| 5.5 Release to land 5.5.2 (D99) | | X | | | O | |
| 5.5 Release to land 5.5.3 | | | N/A | | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report releases of less than 1000 lbs by checking ranges under A.1

| Total Transfers (lbs/yr) | | A.2 | B. | C. |
|--------------------------|----------|----------|-------|------------|
| A.1 Range | | Enter | Est. | Type of |
| 1- 0 | 500- 499 | Estimate | Basis | Treat/Disp |

6. 1. Discharge to POTW N/A

6. 2. Other off-site loc N/A

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | A | A06 | 5 | | 99.7 | N |
| 7.2 | A | A06 | 5 | | 99.6 | N |
| 7.3 | A | A06 | 5 | | 99.7 | N |
| 7.4 | S | P11 | 2 | | 99.97 | N |
| 7.5 | A | A03 | 3 | | 99.7 | N |
| 7.6 | A | A03 | 3 | | 99.5 | N |
| 7.7 | A | A03 | 3 | | 99.3 | N |
| 7.8 | A | A06 | 4 | | 99.7 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | S | P11 | 5 | | 99.97 | N |
| 7.11 | S | P11 | 5 | | 99.97 | N |
| 7.12 | S | P11 | 5 | | 99.97 | N |
| 7.13 | A | A06 | 5 | | 99.7 | N |
| 7.14 | A | A03 | 3 | | 90 | N |
| 7.15 | A | A06 | 4 | | 99.7 | N |
| 7.16 | A | A03 | 3 | | 98 | N |
| 7.17 | A | A03 | 3 | X | | N |
| 7.18 | A | A03 | | X | 99.99 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

1. 1.1 Does this report contain trade secret information? ☐ Yes ☒ No
1.2 Is this a sanitized copy? ☐ Yes ☐ No
1.3 Reporting Year 1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

C. M. McCullough

Date Signed

6-27-88

3. FACILITY IDENTIFICATION

- Name > MONSANTO COMPANY
Address > HIGHWAY 34 NORTH
3.1 City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816
3.2 a. ☒ Entire facility
b. ☐ Part of facility
3.3 Technical Contact > D. R. WIND > (208) 547-3391
3.4 Public Contact > K. V. LOTT > (208) 547-3391
3.5 SIC Codes > 2819 3313
3.6 Latitude Longitude
> 042/41/07 > 111/35/08
3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A
3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A
3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A
3.10 Name of receiving stream(s) or water body(s)
a. > SODA CREEK
b. > N/A
c. > N/A
3.11 Underground Injection Well Code (UIC) Identification No.
> N/A > N/A

4. PARENT COMPANY INFORMATION

- 4.1 Name of parent company > MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.
Off-site locations to which toxic
chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ___ Yes ___ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

- 1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)
 1.2 CAS #: > 007664-39-3 (Use leading zeros)
 1.3 Chem or Category Name: > HYDROGEN FLUORIDE
 1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

- A. ☒ Produce B. ☐ Import C. ☐ For on-site use/process
 D. ☐ For sale/distribution E. ☒ As a byproduct F. ☐ As an impurity

3.2 Process:

- A. ☐ As a reactant B. ☐ As a formulation comp. C. ☐ As an article component
 D. ☐ Repackaging only

3.3 Otherwise Used:

- A. ☐ As a chemical processing aid B. ☐ As a mfg aid C. ☐ Ancillary or other use

4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(02) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|-----------------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 500- 999 | | | |
| 5.1 Fugitive or non-pt. air emis | | | 65,000 | O | |
| 5.2 Stack or point air emissions | | | 38,000 | M | |
| 5.3 Discharges to water 5.3.1 (a) | | | N/A | | N/A |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

| You may report releases of less than 1000 lbs by checking ranges under A.1 | Total Transfers (lbs/yr) | | | B. | C. |
|--|--------------------------|-----|---------|----------------|------------|
| | A.1 Range | | | Est. | Type of |
| | 0 | 499 | 500-999 | Enter Estimate | Treat/Disp |

6. 1. Discharge to POTW N/A

6. 2. Other off-site loc N/A

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|-----|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | A | A03 | 2 | | 99 | N |
| 7.2 | A | A03 | 3 | | 99 | N |
| 7.3 | A | A03 | 2 | | 86 | N |
| 7.4 | A | A03 | 3 | | 86 | Y |
| 7.5 | A | A03 | 3 | | 86 | Y |
| 7.6 | A | A03 | 2 | X | | N |
| 7.7 | A | A03 | | X | 99.79 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

- 1.1 Does this report contain trade secret information? ☐ Yes ☒ No
- 1.2 Is this a sanitized copy? ☐ Yes ☐ No
- 1.3 Reporting Year 1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

Date Signed

C. M. McCullough

6-27-88

3. FACILITY IDENTIFICATION

- Name > MONSANTO COMPANY
Address > HIGHWAY 34 NORTH
- 3.1 City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816
- 3.2 a. ☒ Entire facility
b. ☐ Part of facility
- 3.3 Technical Contact > D. R. WIND > (208) 547-3391
3.4 Public Contact > K. V. LOTT > (208) 547-3391
3.5 SIC Codes > 2819 3313
- 3.6 Latitude Longitude
> 042/41/07 > 111/35/08
- 3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A
3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A
3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A
3.10 Name of receiving stream(s) or water body(s)
a. > SODA CREEK
b. > N/A
c. > N/A
- 3.11 Underground Injection Well Code (UIC) Identification No.
> N/A > N/A

4. PARENT COMPANY INFORMATION

- 4.1 Name of parent company > MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.
Off-site locations to which toxic
chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ___ Yes ___ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

- 1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)
 1.2 CAS #: ☐ > N/A
 1.3 Chem or Category Name: ☐ > LEAD COMPOUNDS
 1.4 Generic Name: ☐ > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name:
- ☐
- > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

- A. ☒ Produce B. ☐ Import C. ☐ For on-site use/process
 D. ☐ For sale/distribution E. ☒ As a byproduct F. ☐ As an impurity

3.2 Process:

- A. ☐ As a reactant B. ☐ As a formulation comp. C. ☐ As an article component
 D. ☐ Repackaging only

3.3 Otherwise Used:

- A. ☐ As a chemical processing aid B. ☐ As a mfg aid C. ☐ Ancillary or other use

4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(06) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|-----------------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 500- 999 | | | |
| 5.1 Fugitive or non-pt. air emis | X | | | E | |
| 5.2 Stack or point air emissions | | | 7,300 | M | |
| 5.3 Discharges to water 5.3.1 (a) | | | 2,500 | M | 6 |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 (D02) | | | 150,000 | M | |
| 5.5 Release to land 5.5.2 (D99) | X | | | O | |
| 5.5 Release to land 5.5.3 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report releases of less than 1000 lbs by checking ranges under A.1

| Total Transfers (lbs/yr) | | B. | C. |
|--------------------------|---------|----------|------------|
| A.1 Range | | Est. | Type of |
| 1- | 500- | | Treat/Disp |
| 0 | 499 999 | Estimate | |

6. 1. Discharge to POTW
6. 2. Other off-site loc

N/A
N/A

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | A | A06 | 5 | | 99.7 | N |
| 7.2 | A | A06 | 5 | | 99.6 | N |
| 7.3 | A | A06 | 5 | | 99.7 | N |
| 7.4 | S | P11 | 3 | | 99.97 | N |
| 7.5 | A | A03 | 2 | | 99.7 | N |
| 7.6 | A | A03 | 3 | | 99.5 | N |
| 7.7 | A | A03 | 3 | | 99.3 | N |
| 7.8 | A | A06 | 4 | | 99.7 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | S | P11 | 5 | | 99.97 | N |
| 7.11 | S | P11 | 5 | | 99.97 | N |
| 7.12 | S | P11 | 5 | | 99.97 | N |
| 7.13 | A | A06 | 5 | | 99.7 | N |
| 7.14 | A | A03 | 3 | | 90 | N |
| 7.15 | A | A06 | 4 | | 99.7 | N |
| 7.16 | A | A03 | 4 | | 98 | N |
| 7.17 | A | A03 | 2 | X | | N |
| 7.18 | A | A03 | | X | 99.99 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

1.1 Does this report contain trade secret information?
1. Yes ☐ No ☒

1.2 Is this a sanitized copy?
Yes ☐ No ☐

1.3 Reporting Year
1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature



Date Signed

6-27-88

3. FACILITY IDENTIFICATION

Name > MONSANTO COMPANY
Address > HIGHWAY 34 NORTH
3.1 City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816
3.2 a. ☒ Entire facility
b. ☐ Part of facility

3.3 Technical Contact > D. R. WIND > (208) 547-3391
3.4 Public Contact > K. V. LOTT > (208) 547-3391
3.5 SIC Codes > 2819 3313
3.6 Latitude Longitude
> 042/41/07 > 111/35/08
3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A
3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A
3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A
3.10 Name of receiving stream(s) or water body(s)
a. > SODA CREEK
b. > N/A
c. > N/A
3.11 Underground Injection Well Code (UIC) Identification No.
> N/A > N/A

4. PARENT COMPANY INFORMATION

4.1 Name of parent company > MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.

Off-site locations to which toxic
Chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ____ Yes ____ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)

1.2 CAS #: > N/A

1.3 Chem or Category Name: > MANGANESE COMPOUNDS

1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

A. ☒ ProduceB. ☐ ImportC. ☐ For on-site
use/processD. ☐ For sale/
distributionE. ☒ As a byproductF. ☐ As an impurity

3.2 Process:

A. ☐ As a reactantB. ☐ As a formula-
lation comp.C. ☐ As an article
componentD. ☐ Repackaging only

3.3 Otherwise Used:

A. ☐ As a chemical
processing aidB. ☒ As a mfg aidC. ☐ Ancillary or
other use4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(06) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|--------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 | 500- 999 | | |
| 5.1 Fugitive or non-pt. air emis | | X | | E | |
| 5.2 Stack or point air emissions | | | X | M | |
| 5.3 Discharges to water 5.3.1 (a) | | X | | M | 6 |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 (D02) | | | 180,000 | M | |
| 5.5 Release to land 5.5.2 (D99) | | X | | O | |
| 5.5 Release to land 5.5.3 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

| You may report releases of less than 1000 lbs by checking ranges under A.1 | Total Transfers (lbs/yr) | | | | |
|--|--------------------------|---------|----------|-------|------------|
| | A.1 Range | | A.2 | B. | C. |
| | 1- | 500- | Enter | Est. | Type of |
| | 0 | 499 999 | Estimate | Basis | Treat/Disp |

| | |
|--------------------------|-----|
| 6. 1. Discharge to POTW | N/A |
| 6. 2. Other off-site loc | N/A |

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| | ----- | ----- | ----- | ----- | ----- | ----- |
| 7.1 | A | A06 | 5 | | 99.7 | N |
| 7.2 | A | A06 | 5 | | 99.6 | N |
| 7.3 | A | A06 | 5 | | 99.7 | N |
| 7.4 | S | P11 | 2 | | 99.97 | N |
| 7.5 | A | A03 | 3 | | 99.7 | N |
| 7.6 | A | A03 | 3 | | 99.5 | N |
| 7.7 | A | A03 | 4 | | 99.3 | N |
| 7.8 | A | A06 | 4 | | 99.7 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | S | P11 | 5 | | 99.97 | N |
| 7.11 | S | P11 | 5 | | 99.97 | N |
| 7.12 | S | P11 | 5 | | 99.97 | N |
| 7.13 | A | A06 | 5 | | 99.7 | N |
| 7.14 | A | A03 | 4 | | 90 | N |
| 7.15 | A | A06 | 4 | | 99.7 | N |
| 7.16 | A | A03 | 4 | | 98 | N |
| 7.17 | A | A03 | 3 | X | | N |
| 7.18 | A | A03 | | X | 99.99 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| ----- | ----- | | | ----- | ----- |
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

- 1.1 Does this report contain trade secret information?
1. ☐ Yes ☒ No
- 1.2 Is this a sanitized copy?
☐ Yes ☐ No
- 1.3 Reporting Year
1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature



Date Signed

6-27-88

3. FACILITY IDENTIFICATION

Name > MONSANTO COMPANY

Address > HIGHWAY 34 NORTH

3.1 City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816

3.2 a. ☒ Entire facility
b. ☐ Part of facility

3.3 Technical Contact > D. R. WIND > (208) 547-3391

3.4 Public Contact > K. V. LOTT > (208) 547-3391

3.5 SIC Codes > 2819 3313

3.6 Latitude Longitude
> 042/41/07 > 111/35/08

3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A

3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A

3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A

3.10 Name of receiving stream(s) or water body(s)

a. > SODA CREEK

b. > N/A

c. > N/A

3.11 Underground Injection Well Code (UIC) Identification No.

> N/A

> N/A

4. PARENT COMPANY INFORMATION

4.1 Name of parent company > MONSANTO COMPANY

4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.

Off-site locations to which toxic
Chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ___ Yes ___ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)

1.2 CAS #: > N/A

1.3 Chem or Category Name: > NICKEL COMPOUNDS

1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

A. ☒ ProduceB. ☐ ImportC. ☐ For on-site
use/processD. ☐ For sale/
distributionE. ☒ As a byproductF. ☐ As an impurity

3.2 Process:

A. ☐ As a reactantB. ☐ As a formula-
tion comp.C. ☐ As an article
componentD. ☐ Repackaging only

3.3 Otherwise Used:

A. ☐ As a chemical
processing aidB. ☒ As a mfg aidC. ☐ Ancillary or
other use4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(07) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | | | |
|--|----------------------------|-------|---------|----------------|------------|----------------|
| | A.1 | Range | | A.2 | B. | C. |
| | 0 | 1-499 | 500-999 | Enter Estimate | Est. Basis | % From Strmwtr |
| 5.1 Fugitive or non-pt. air emis | | | | 15,000 | E | |
| 5.2 Stack or point air emissions | | | X | | M | |
| 5.3 Discharges to water 5.3.1 (a) | | | | 1,000 | M | 6 |
| 5.3.2 (b) | | | | N/A | | N/A |
| 5.3.3 (c) | | | | N/A | | N/A |
| 5.4 Underground injection | | | | N/A | | |
| 5.5 Release to land 5.5.1 (D02) | | | | 2,200,000 | M | |
| 5.5 Release to land 5.5.2 (D99) | | X | | | O | |
| 5.5 Release to land 5.5.3 | | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report releases of less than 1000 lbs by checking ranges under A.1

| Total Transfers (lbs/yr) | | A.2 Enter Estimate | B. Est. Basis | C. Type of Treat/Disp |
|--------------------------|-------------|--------------------------|---------------------|-----------------------------|
| A.1 Range 1- 0 | 500- 999 | | | |

6. 1. Discharge to POTW

N/A

6. 2. Other off-site loc

N/A

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | A | A06 | 5 | | 99.7 | N |
| 7.2 | A | A06 | 5 | | 99.6 | N |
| 7.3 | A | A06 | 5 | | 99.7 | N |
| 7.4 | S | P11 | 2 | | 99.97 | N |
| 7.5 | A | A03 | 3 | | 99.7 | N |
| 7.6 | A | A03 | 3 | | 99.5 | N |
| 7.7 | A | A03 | 3 | | 99.3 | N |
| 7.8 | A | A06 | 4 | | 99.7 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | S | P11 | 5 | | 99.97 | N |
| 7.11 | S | P11 | 5 | | 99.97 | N |
| 7.12 | S | P11 | 5 | | 99.97 | N |
| 7.13 | A | A06 | 5 | | 99.7 | N |
| 7.14 | A | A03 | 3 | | 90 | N |
| 7.15 | A | A06 | 4 | | 99.7 | N |
| 7.16 | A | A03 | 3 | | 98 | N |
| 7.17 | A | A03 | 3 | X | | N |
| 7.18 | A | A03 | | X | 99.99 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency EPA FORM
Toxic Chemical Release Inventory Reporting Form R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

- 1.1 Does this report contain trade secret information? 1.2 Is this a sanitized copy? 1.3 Reporting Year
- ___ Yes ___X___ No ___ Yes ___ No 1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

Date Signed



6-27-88

3. FACILITY IDENTIFICATION

Name > MONSANTO COMPANY

Address > HIGHWAY 34 NORTH

3.1 City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816

3.2 a. ___X___ Entire facility
b. ___ Part of facility

3.3 Technical Contact > D. R. WIND > (208) 547-3391

3.4 Public Contact > K. V. LOTT > (208) 547-3391

3.5 SIC Codes > 2819 3313

3.6 Latitude Longitude
> 042/41/07 > 111/35/08

3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A

3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A

3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A

3.10 Name of receiving stream(s) or water body(s)

a. > SODA CREEK

b. > N/A

c. > N/A

3.11 Underground Injection Well Code (UIC) Identification No.

> N/A

> N/A

4. PARENT COMPANY INFORMATION

4.1 Name of parent company > MONSANTO COMPANY

4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.
Off-site locations to which toxic
Chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ____ Yes ____ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

- 1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)
 1.2 CAS #: > 007723-14-0 (Use leading zeros)
 1.3 Chem or Category Name: > PHOSPHORUS (YELLOW OR WHITE)
 1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

- A. ☒ Produce B. ☐ Import C. ☐ For on-site use/process
 D. ☒ For sale/distribution E. ☐ As a byproduct F. ☐ As an impurity

3.2 Process:

- A. ☐ As a reactant B. ☐ As a formula-
 D. ☐ Repackaging only C. ☐ As an article component
 D. ☐ Repackaging only

3.3 Otherwise Used:

- A. ☐ As a chemical processing aid B. ☐ As a mfg aid C. ☐ Ancillary or other use

4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(06) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|-----------------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 500- 999 | | | |
| 5.1 Fugitive or non-pt. air emis | | | N/A | | |
| 5.2 Stack or point air emissions | | X | | 0 | |
| 5.3 Discharges to water 5.3.1 (a) | | | N/A | | N/A |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 (D99) | | | 170,000 | 0 | |
| 5.5 Release to land 5.5.2 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report releases of less than 1000 lbs by checking ranges under A.1

| Total Transfers (lbs/yr) | | B. | C. |
|--------------------------|----------|-------|------------|
| A.1 Range | A.2 | Est. | Type of |
| 1- 500- | Enter | Basis | Treat/Disp |
| 0 499 999 | Estimate | | |

| | |
|--------------------------|-----|
| 6. 1. Discharge to POTW | N/A |
| 6. 2. Other off-site loc | N/A |

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|-----|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | N/A | N/A | N/A | N/A | N/A | N/A |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

1. 1.1 Does this report contain trade secret information? ☐ Yes ☒ No
- 1.2 Is this a sanitized copy? ☐ Yes ☐ No
- 1.3 Reporting Year 1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

Date Signed

C. M. McCullough

6-27-88

3. FACILITY IDENTIFICATION

- 3.1 Name > MONSANTO COMPANY
Address > HIGHWAY 34 NORTH
City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816
- 3.2 a. ☒ Entire facility
b. ☐ Part of facility
- 3.3 Technical Contact > D. R. WIND > (208) 547-3391
3.4 Public Contact > K. V. LOTT > (208) 547-3391
3.5 SIC Codes > 2819 3313
3.6 Latitude Longitude
> 042/41/07 > 111/35/08
3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A
3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A
3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A
3.10 Name of receiving stream(s) or water body(s)
a. > SODA CREEK
b. > N/A
c. > N/A
3.11 Underground Injection Well Code (UIC) Identification No.
> N/A > N/A

4. PARENT COMPANY INFORMATION

- 4.1 Name of parent company > MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.
Off-site locations to which toxic
chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ___ Yes ___ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

- 1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)
 1.2 CAS #: > 007664-93-9 (Use leading zeros)
 1.3 Chem or Category Name: > SULFURIC ACID
 1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

- A. ☐ Produce B. ☐ Import C. ☐ For on-site use/process
 D. ☐ For sale/distribution E. ☐ As a byproduct F. ☐ As an impurity

3.2 Process:

- A. ☐ As a reactant B. ☐ As a formulation comp. C. ☐ As an article component
 D. ☐ Repackaging only

3.3 Otherwise Used:

- A. ☐ As a chemical processing aid B. ☒ As a mfg aid C. ☐ Ancillary or other use

4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(03) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|--------------------|---|---------------|-------------------|
| | A.1 Range | A.2 Enter Estimate | | | |
| | 0 499 999 | | | | |
| 5.1 Fugitive or non-pt. air emis | | N/A | | | |
| 5.2 Stack or point air emissions | X | | 0 | | |
| 5.3 Discharges to water 5.3.1 (a) | | N/A | | | N/A |
| 5.3.2 (b) | | N/A | | | N/A |
| 5.3.3 (c) | | N/A | | | N/A |
| 5.4 Underground injection | | N/A | | | |
| 5.5 Release to land 5.5.1 | | N/A | | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

| You may report releases of less than 1000 lbs by checking ranges under A.1 | Total Transfers (lbs/yr) | | | | |
|--|--------------------------|------|-------|----------|---------|
| | A.1 Range | | A.2 | B. | C. |
| | 1- | 500- | Enter | Est. | Type of |
| | 0 | 499 | 999 | Estimate | Basis |
| 6. 1. Discharge to POTW | | | N/A | | |
| 6. 2. Other off-site loc | | | N/A | | |

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|-----|-------------------------------|----------------------------|------------------------------|--------------------------|----------------------------------|-----------------------------|
| 7.1 | N/A | N/A | N/A | N/A | N/A | N/A |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|-------------------------|---|---------------------|-------------------|----------|----------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |

EPA U.S. Environmental Protection Agency
Toxic Chemical Release Inventory Reporting FormEPA FORM
R

(This space for EPA use only)

PART I.
FACILITY IDENTIFICATION INFORMATION

- 1.1 Does this report contain trade secret information?
1. ☐ Yes ☒ No
- 1.2 Is this a sanitized copy?
☐ Yes ☐ No
- 1.3 Reporting Year
1987

2. CERTIFICATION (Read and sign after completing all sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and Official Title of owner/operator or senior management official
> C. M. MCCULLOUGH / PLANT MANAGER

Signature

Date Signed

C. M. McCullough

6-27-88

3. FACILITY IDENTIFICATION

- Name > MONSANTO COMPANY
Address > HIGHWAY 34 NORTH
- 3.1 City > SODA SPRINGS County > CARIBOU
State > ID Zip Code > 83276-0816
- 3.2 a. ☒ Entire facility
b. ☐ Part of facility
- 3.3 Technical Contact > D. R. WIND > (208) 547-3391
3.4 Public Contact > K. V. LOTT > (208) 547-3391
3.5 SIC Codes > 2819 3313
3.6 Latitude Longitude
> 042/41/07 > 111/35/08
- 3.7 Dun & Bradstreet number(s) a. > 08-183-0994 b. > N/A
3.8 EPA Id. Number (RCRA I.D. No) a. > IDD081830994 b. > N/A
3.9 NPDES Permit Number(s) a. > ID000119-8 b. > N/A
- 3.10 Name of receiving stream(s) or water body(s)
a. > SODA CREEK
b. > N/A
c. > N/A
- 3.11 Underground Injection Well Code (UIC) Identification No.
> N/A > N/A

4. PARENT COMPANY INFORMATION

- 4.1 Name of parent company > MONSANTO COMPANY
4.2 Parent Company's Dun & Bradstreet No. > 00-626-6803

EPA FORM R - Part II.

Off-site locations to which toxic
chemicals are transferred in wastes

(This space for EPA use only)

1. PUBLICLY OWNED TREATMENT WORKS (POTW)

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

2. Other off-site locations - number these sequentially

(1.) Other off-site location

EPA Identification number (RCRA ID No.): N/A

Facility Name: > N/A

Facility Address:>

City: >

County:>

State: >

Zip: >

Under control of reporting facility or parent company? ____ Yes ____ No

EPA Form R - Part III
Chemical Specific Information

(This space for EPA use only)

1. CHEMICAL IDENTITY

- 1.1 ☐ Trade Secret (provide a generic name in 1.4 below.)
 1.2 CAS #: > N/A
 1.3 Chem or Category Name: > ZINC COMPOUNDS
 1.4 Generic Name: > N/A

MIXTURE COMPONENT IDENTITY

2. Generic Chem Name: > N/A

3. ACTIVITIES AND USES OF THE CHEMICAL AT THE FACILITY (Check all that apply)

3.1 Manufacture:

- A. ☒ Produce B. ☐ Import C. ☐ For on-site use/process
 D. ☐ For sale/distribution E. ☒ As a byproduct F. ☐ As an impurity

3.2 Process:

- A. ☐ As a reactant B. ☐ As a formula-
 D. ☐ Repackaging only C. ☐ As an article component

3.3 Otherwise Used:

- A. ☐ As a chemical processing aid B. ☒ As a mfg aid C. ☐ Ancillary or other use

4. MAXIMUM AMT OF THE CHEMICAL ON SITE AT ANY TIME DURING THE CALENDAR YEAR
(07) enter code

5. RELEASES OF THE CHEMICAL TO THE ENVIRONMENT

| You may report releases of less than 1000 lbs by checking ranges under A.1 | A. Total Releases (lbs/yr) | | | B. Est. Basis | C. % From Strmwtr |
|--|----------------------------|-----------------|--------------------|---------------|-------------------|
| | A.1 | Range | A.2 Enter Estimate | | |
| | 0 | 1- 499 500- 999 | | | |
| 5.1 Fugitive or non-pt. air emis | | | 12,000 | E | |
| 5.2 Stack or point air emissions | | | 340,000 | M | |
| 5.3 Discharges to water 5.3.1 (a) | | | 1,200 | M | 6 |
| 5.3.2 (b) | | | N/A | | N/A |
| 5.3.3 (c) | | | N/A | | N/A |
| 5.4 Underground injection | | | N/A | | |
| 5.5 Release to land 5.5.1 (D02) | | | 2,300,000 | M | |
| 5.5 Release to land 5.5.2 (D99) | | | 1,900 | O | |
| 5.5 Release to land 5.5.3 | | | N/A | | |

EPA FORM R PART III (CONTINUED)

6. TRANSFERS OF THE CHEMICAL IN WASTE TO OFF-SITE LOCATIONS

You may report releases of less than 1000 lbs by checking ranges under A.1

| Total Transfers (lbs/yr) | | A.2 Enter Estimate | B. Est. Basis | C. Type of Treat/Disp |
|--------------------------|-------------|--------------------------|---------------------|-----------------------------|
| A.1 Range 1- 0 | 500- 999 | | | |

| | |
|--------------------------|-----|
| 6. 1. Discharge to POTW | N/A |
| 6. 2. Other off-site loc | N/A |

7. WASTE TREATMENT METHODS AND EFFICIENCY

| | A. General Wastestream (code) | B. Treatment Method (code) | C. Range of Influent Concen. | D. Sequential Treatment? | E. Treatment Efficiency Estimate | F. Based on Operating Data? |
|------|--|-------------------------------------|---------------------------------------|--------------------------------|---|--------------------------------------|
| 7.1 | A | A06 | 5 | | 99.7 | N |
| 7.2 | A | A06 | 5 | | 99.6 | N |
| 7.3 | A | A06 | 5 | | 99.7 | N |
| 7.4 | S | P11 | 2 | | 99.97 | N |
| 7.5 | A | A03 | 1 | | 99.7 | N |
| 7.6 | A | A03 | 3 | | 99.5 | N |
| 7.7 | A | A03 | 3 | | 99.3 | N |
| 7.8 | A | A06 | 4 | | 99.7 | N |
| 7.9 | S | P11 | 5 | | 99.97 | N |
| 7.10 | S | P11 | 5 | | 99.97 | N |
| 7.11 | S | P11 | 5 | | 99.97 | N |
| 7.12 | S | P11 | 5 | | 99.97 | N |
| 7.13 | A | A06 | 5 | | 99.7 | N |
| 7.14 | A | A03 | 2 | | 90 | N |
| 7.15 | A | A06 | 4 | | 99.7 | N |
| 7.16 | A | A03 | 2 | | 98 | N |
| 7.17 | A | A03 | 1 | X | | N |
| 7.18 | A | A03 | | X | 99.99 | N |

8. OPTIONAL INFORMATION ON WASTE MINIMIZATION

| A. Type of modification | B. Qty of chem in wastestream prior to treatment/disposal | | | C. Index | D. Reason for action |
|----------------------------|--|---------------------------|----------------------|----------|-------------------------|
| | Current rept yr (lbs/yr) | Prior year (lbs/yr) | Or percent change | | |
| N/A | N/A | N/A | N/A | N/A | N/A |